Figures

Fig. 1

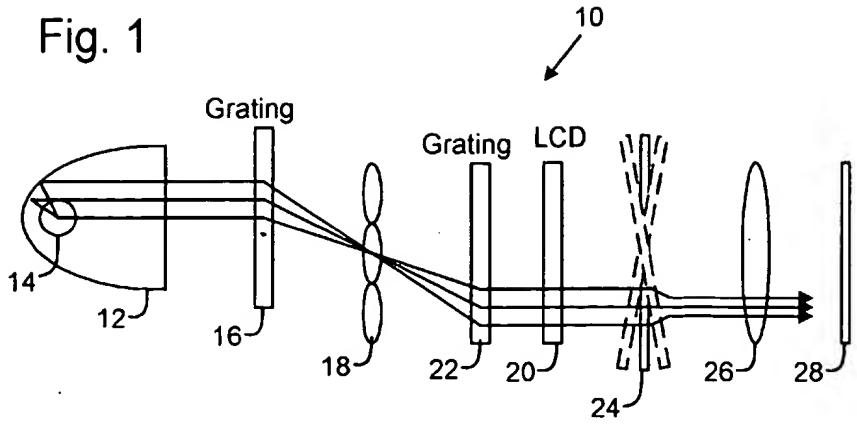
10
Grating
Grating
LCD
14
12
16
18
22
20
24
26
28

Fig. 5

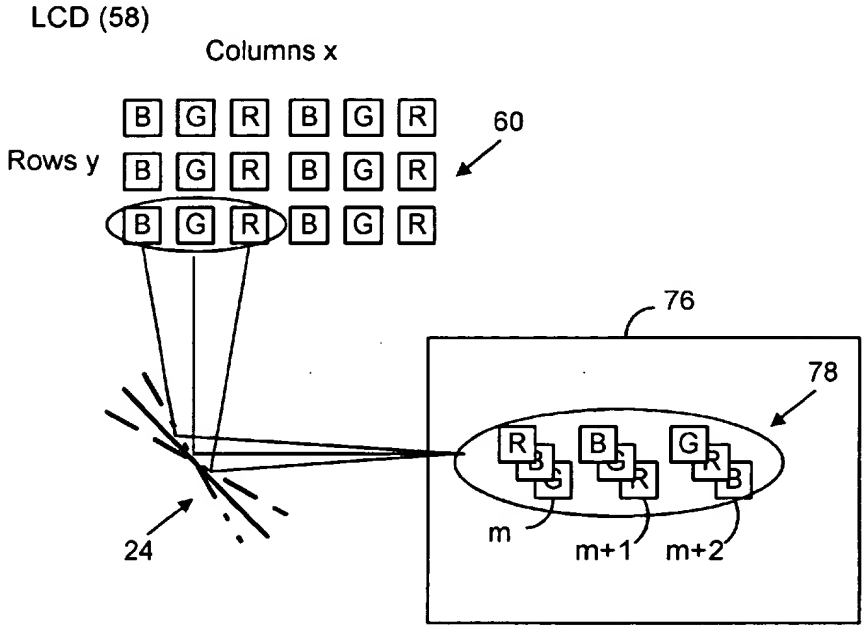
LCD (58)
Columns x
Rows y
B G R B G R
60
76
78
24
m
m+1
m+2

Fig. 2 - Prior Art

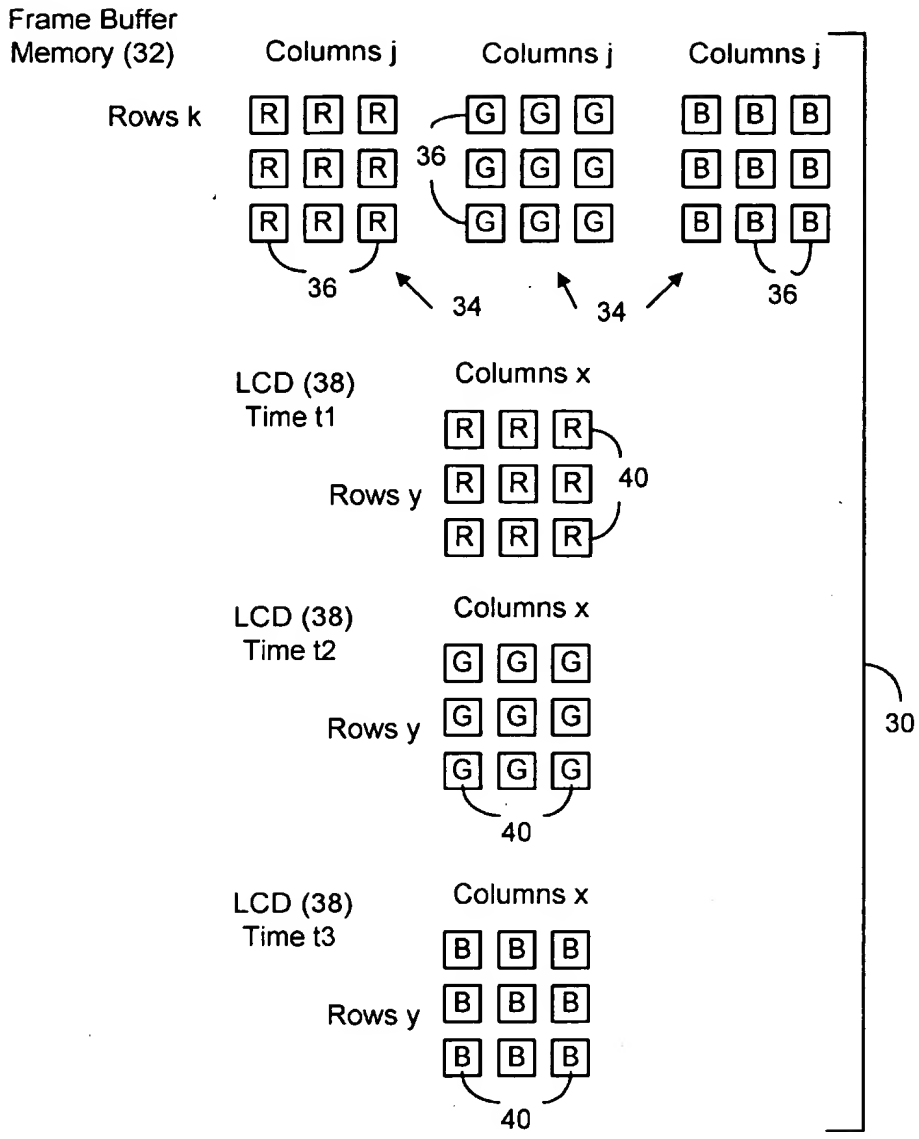

Fig. 3

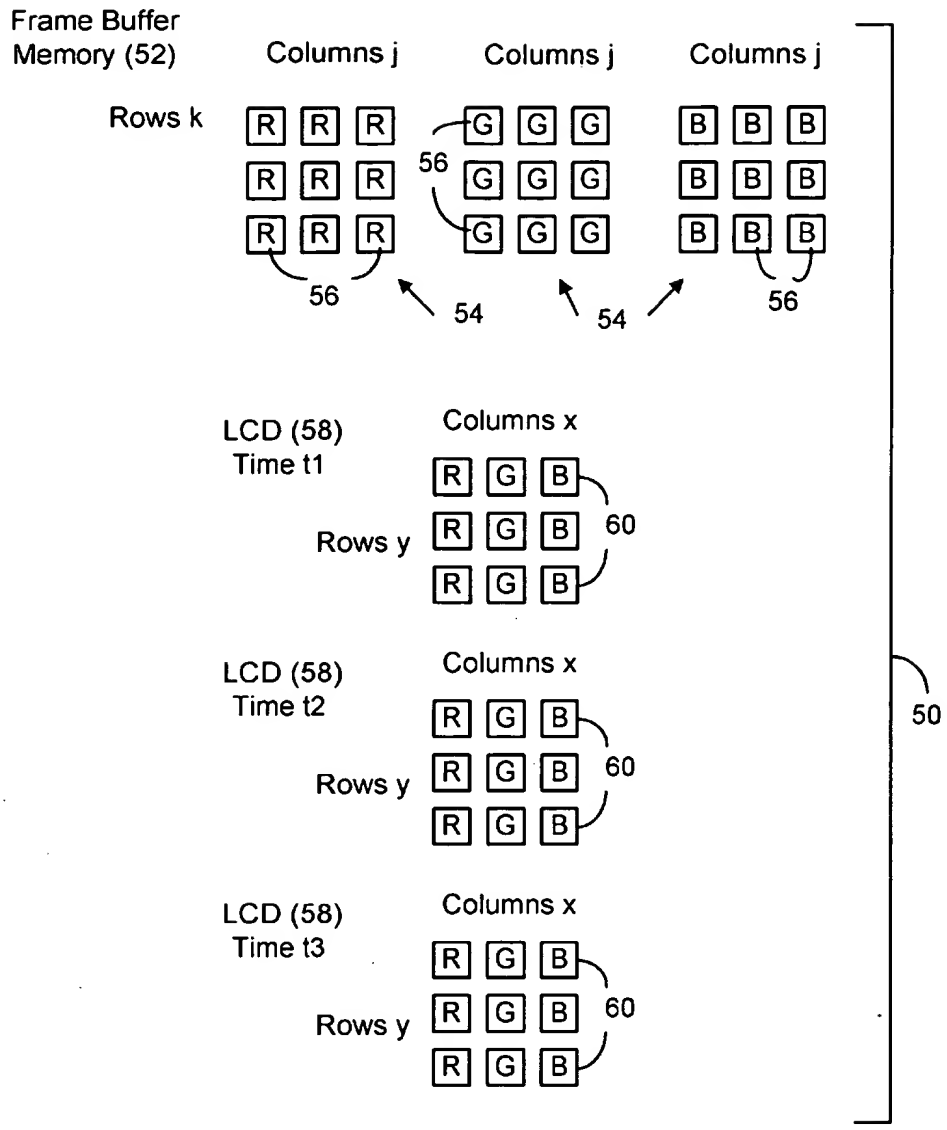
Frame Buffer Memory (52)
Columns j
Columns j
Columns j
Rows k
R R R
G G G
B B B
56
54
54
56
LCD (58) Time t1
Columns x
Rows y
60
LCD (58) Time t2
Columns x
Rows y
60
LCD (58) Time t3
Columns x
Rows y
60
50

Fig. 4

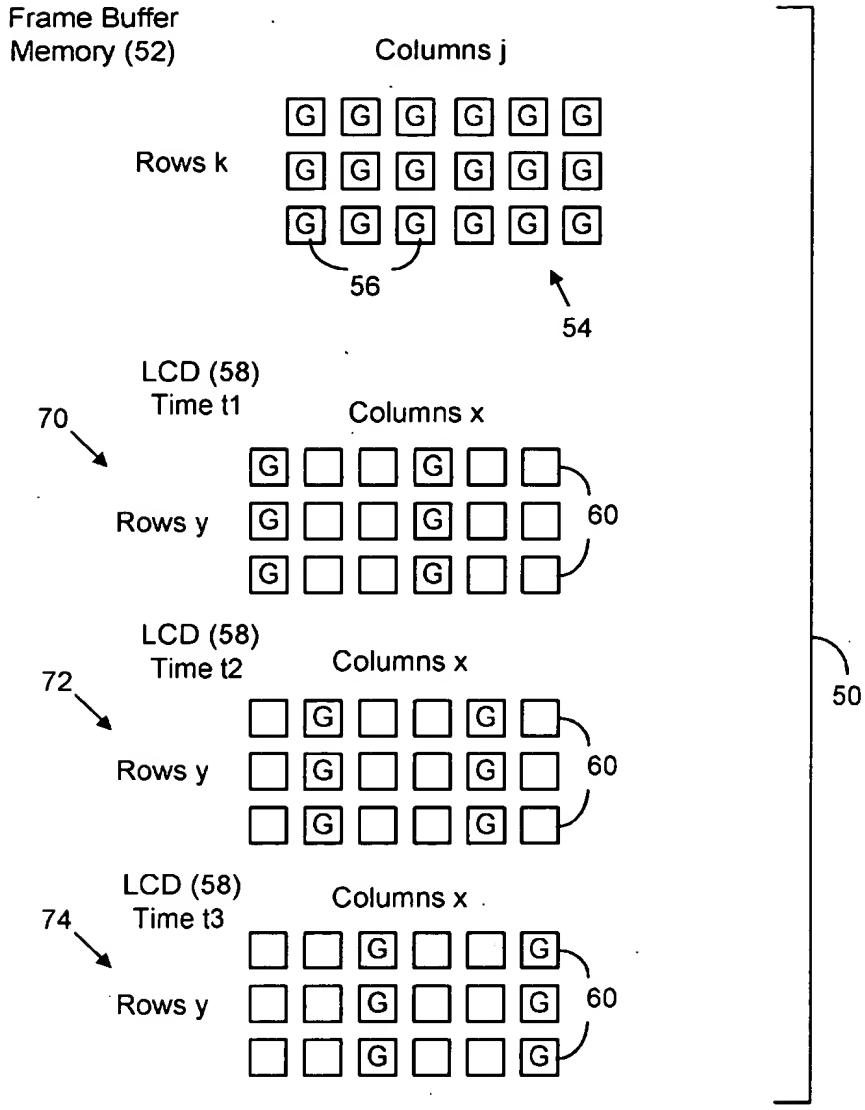
Frame Buffer
Memory (52)
Columns j
Rows k
56
54
LCD (58)
Time t1
70
Columns x
Rows y
60
LCD (58)
Time t2
72
Columns x
Rows y
60
LCD (58)
Time t3
74
Columns x
Rows y
60
50

Fig. 6

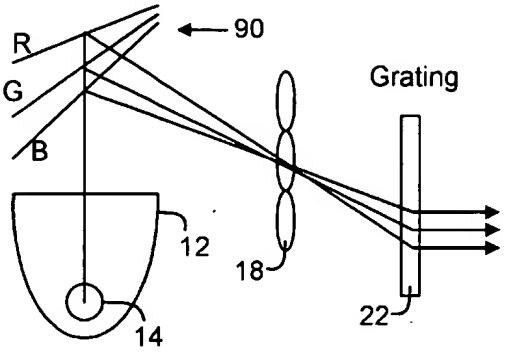

Fig. 7

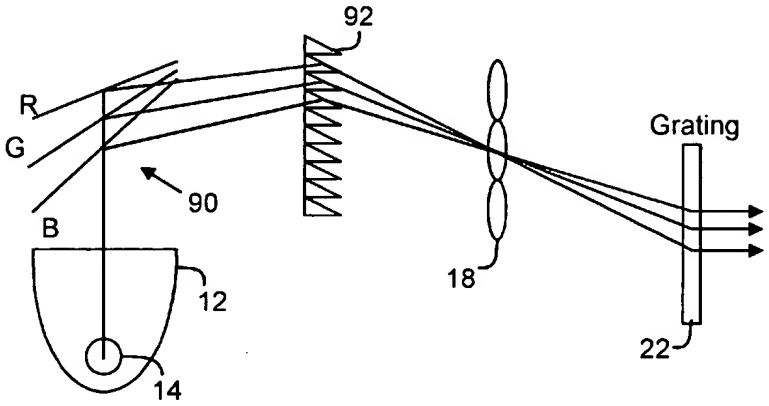

Fig. 8

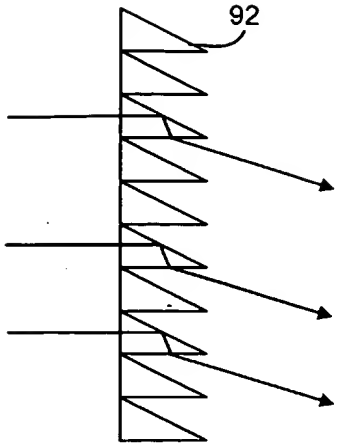

Fig. 9

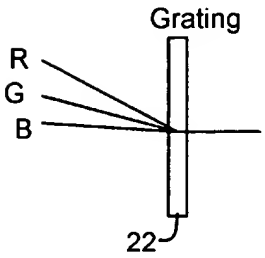

Fig. 10

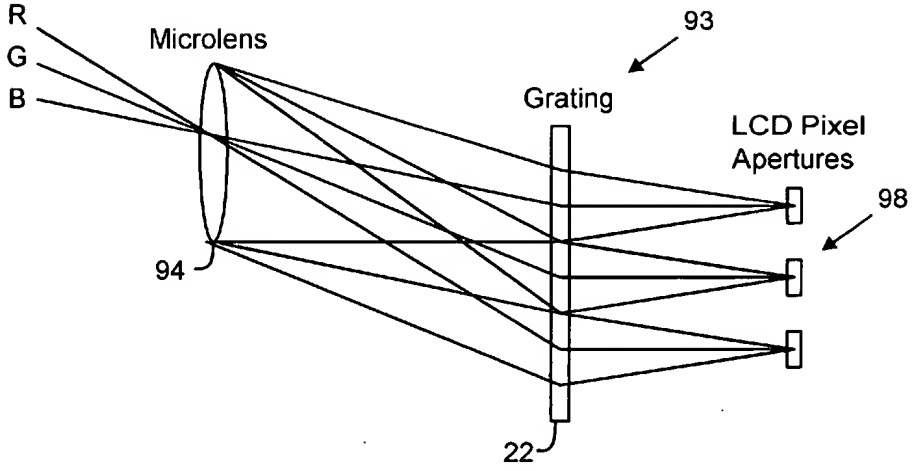

Fig. 11

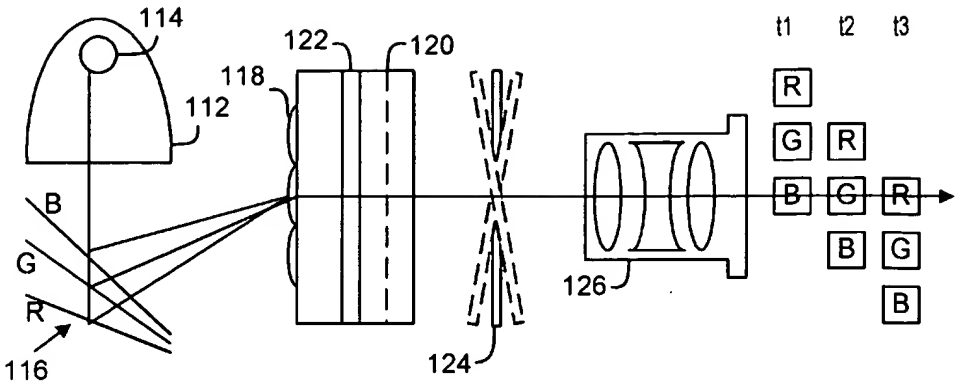
114
122
120
118
112
t1
t2
t3
R
G
R
B
G
R
B
G
B
B
G
R
126
116
124

Fig. 12

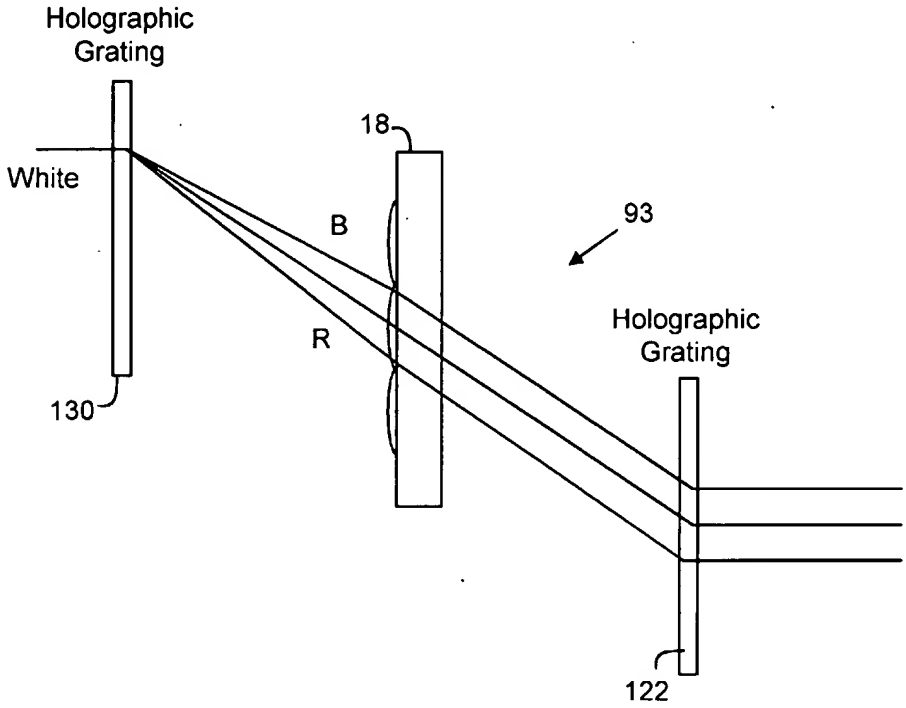
Holographic
Grating
18
White
B
93
R
Holographic
Grating
130
122

Fig. 13

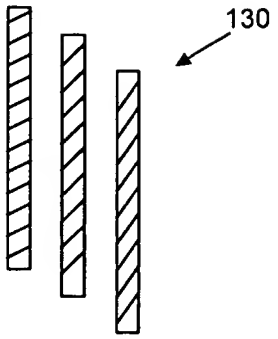
130

Fig. 14

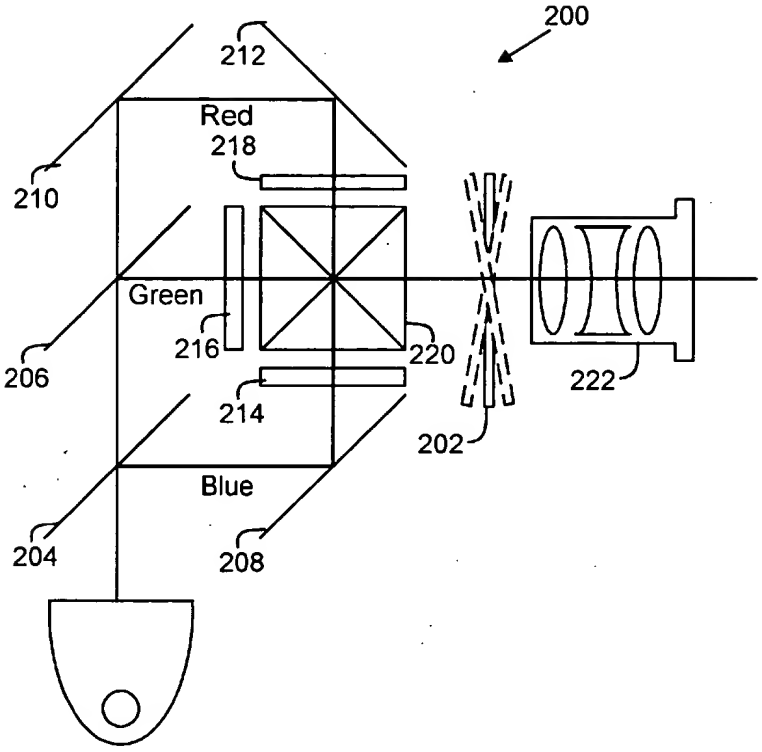
200
212
Red
218
210
Green
216
220
206
222
214
202
Blue
204
208

Fig. 15

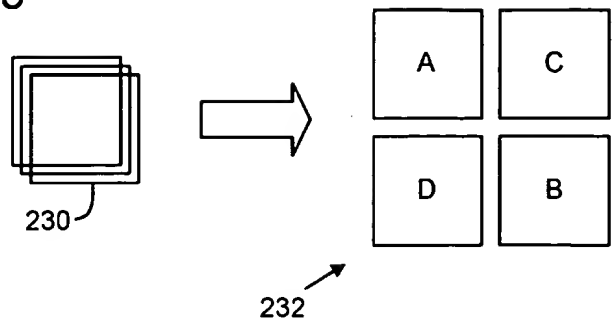

Fig. 16

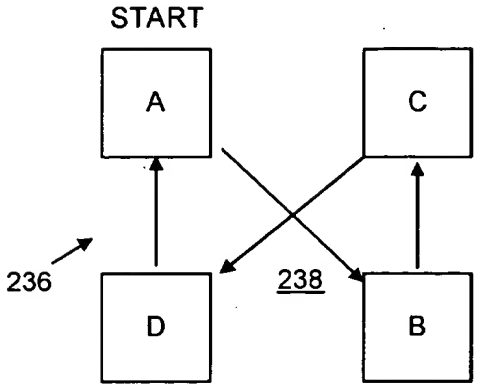

Fig. 17

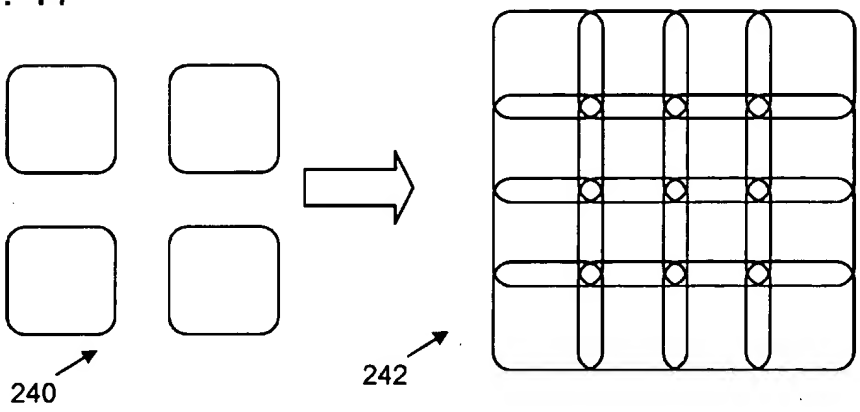

Fig. 18

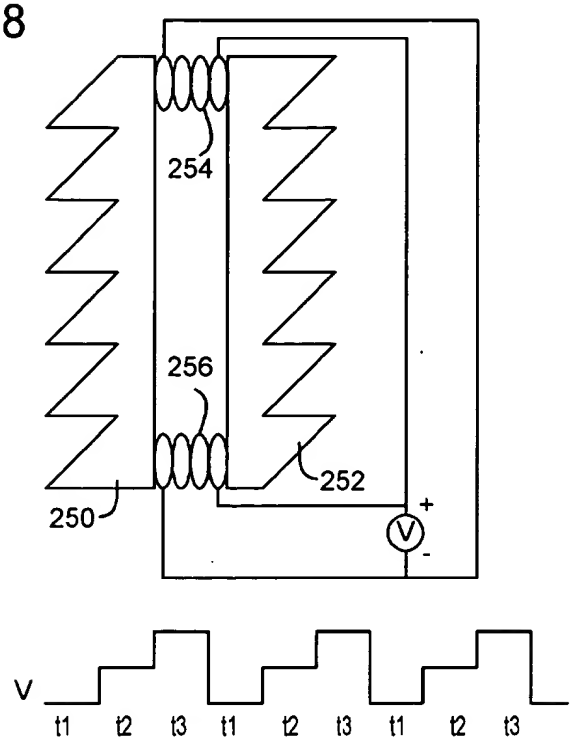
254
256
252
250
+
V
-
V
t1
t2
t3
t1
t2
t3
t1
t2
t3

Fig. 19

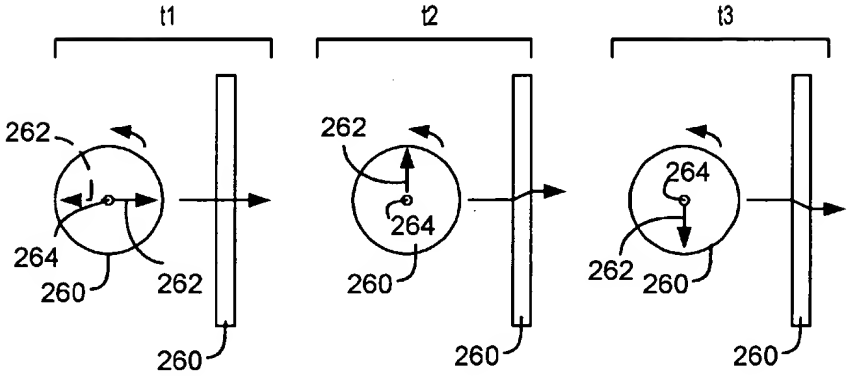
t1
t2
t3
262
264
260
262
260
262
264
260
260
262
264
262
260
260

Fig. 20

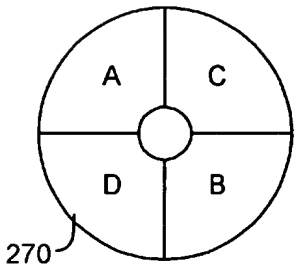

Fig. 21

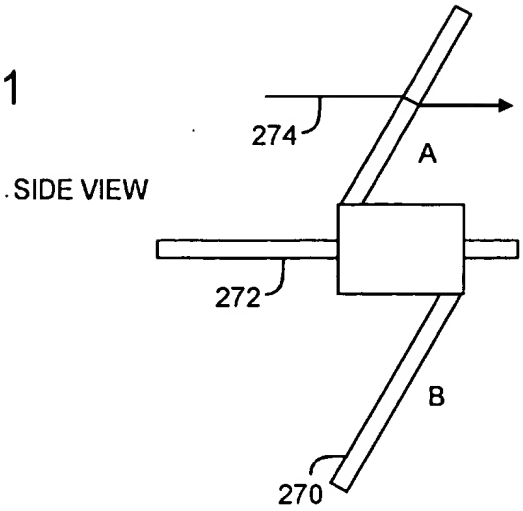

Fig. 22

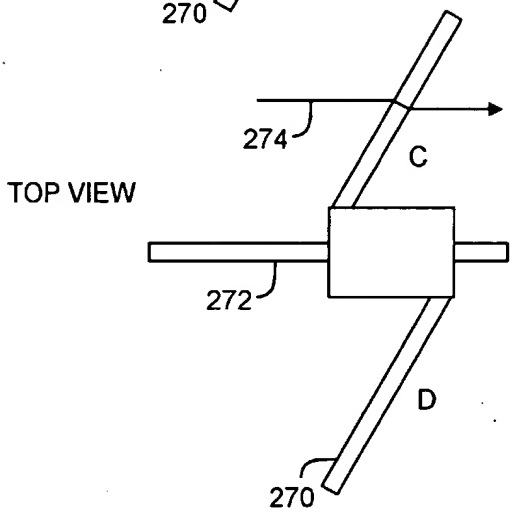

Fig. 23

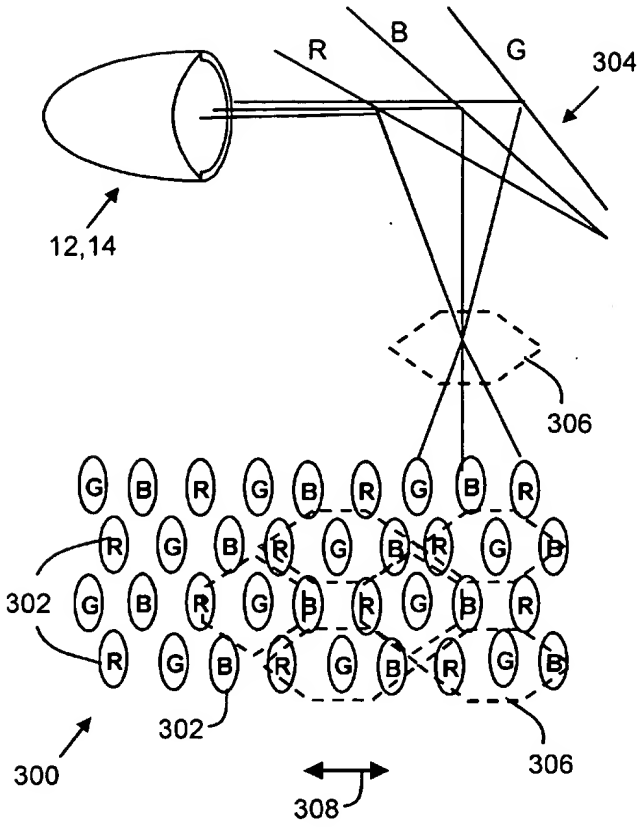

Fig. 24